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CENTRAL INTELLIGENCE AGENCY

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COUNTRY USSR (Voronezhskaya Oblast)

REPORT

SUBJECT Radio and Television Plant
(Elektrosignal) at Voronezh

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SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

A three-page report on the Radio and Television Plant (Elektrosignal) at Voronezh (N 51-38, E 39-12)

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The plant, located nearly at the end of ulitsa Plekhanovskaya in Kominternovskiy rayon, produced radio and television sets for general public consumption. The report describes the plant installations, raw materials, working conditions, and details of production.

no special secret sections within the plant.

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VORONEZH RADIO AND TELEVISION PLANT

Plant's Identification and Location

1. The actual name of subject plant was Elektrosignal but it was known as the Voronezh Radio and Television Plant. [redacted] 50X1-HUM
- [redacted] The plant was located nearly at the end of Flekhanovskaya Street in Kominternovskiy rayon, next to the Kominterna Excavator Plant. 50X1-HUM
- The Radio Technical School, known as Radiotekhnikum, was located opposite. To reach the Radio and Television Plant from the railroad station, one took streetcars No. 4 or 5. The entrance was on Flekhanovskaya Street, a wide street.

Physical Description

2. The plant was surrounded by a wall [redacted] 50X1-HUM
- [redacted] Following is a description of the plant's installations, all of which were of recent construction:
- a. A large four-story building with big windows and a shop on each floor. [redacted] it was built of concrete [redacted] it had been plastered. The shops were equipped with lathes, milling machines, grinding machines, drill presses, polishers, dies, embossing machines, electric riveters, metal saws, circular saws for cutting wood, ebonite, bakelite, plastics, wood sheets, and machines called Revalvernyy.¹ There were shops for the assembly of the different parts of the radio and television sets. [redacted] worked on the assembly of loud-speakers but did not like the work and transferred to the plans and drawing department, working as a tracer. 50X1-HUM
- b. A two-story building with machinery on the ground floor and on the second floor were offices, the management, laboratories, and the plans and drawing department. The ground floor contained lathes, milling machines, grinding machines, drill presses, and a nickel-plating and chrome-plating department. There was also a "Duco" paint department containing machines that pulverized the paint and baths containing paints at a high temperature. [redacted] they might be for enameling [redacted] 50X1-HUM
- c. A one-story building containing machinery.
- d. Another building used as a garage for plant vehicles.
3. [redacted] no special secret sections because all the plant work seemed [redacted] to be of a secret nature although this was never affirmed. [redacted] there were plans to enlarge it. 50X1-HUM

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Products

4. The plant's finished products were radio and television sets. [redacted] the plant's products were for general public consumption; she did not think any section was dedicated to the production of military materials. The cabinets and all parts necessary for the construction of the sets except the tubes were produced at the plant; the tubes came from a plant not further identified. Parts [redacted] being produced were fixed and variable condensers, coils, switches, resistors, inductors, electromagnets, radio tube bases, dials, axles, pins, transformers, ear phones and their electromagnets, loud-speakers, and phonograph tone arms. The sizes of the finished products varied according to the type of circuit for which they were to be used; for example, receiving sets were built with from three to nine tubes. [redacted] they bore a plant mark; [redacted] the crating bore the word "Voronezh." [redacted] use plant would increase production in the future [redacted]

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Raw Materials

5. Raw materials used were wood of different kinds [redacted] sheet, aluminum, copper, bronze, bakelite, ebonite, sealing compound (a kind of tar), plastic, especially transparent plastic in imitation of glass, nichal, rubber, alcohol, paints, especially black, red, green, and yellow paints, varnishes, solder, waxed paper, silver bronze and gold bronze, glass, steel in thin sheets and in bars the thickness of a pencil or the size of a thick wire, and acids that source could not describe. [redacted]

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Sources of Energy

6. [redacted] a rather high chimney in the area which belonged to the excavator plant.

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Crating

7. [redacted] wooden crates and cardboard boxes were used. Plant products were wrapped in heavy paper for shipment; a kind of heavy cotton that was probably cellulose was used to protect products from damage during shipment.

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Transport

8. [redacted] a railroad spur within the plant. [redacted] one might exist [redacted] The trucks entering the plant did not seem large [redacted] The Voronezh River was too shallow to be used for transport.

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Storage

9. [redacted] the plant had facilities for the storage of tools, materials, and finished products [redacted]

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Working Conditions

10. The work schedule was seven hours daily and 42 hours a week. There were three shifts and the morning shift was the most important. Vacations were of 15 days' duration.

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health conditions at the plant were very good.

Plant Security

11. Workers were required to present a propusk at the guard post located at the plant entrance; persons not employed at the plant could not enter.

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1. Comment. These are probably turret lathes.

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